

1 CLAIMS:

2 WHAT IS CLAIMED IS:

3 (1) A method for browsing the Web on the Internet, using a broadcast system which  
4 includes:

5 a transmitting unit for compressing video data in accordance with a predetermined  
6 compression scheme and transmitting the compressed data;

7 and a receiving unit for receiving and decoding the transmitted video data and transmitting  
8 the data to a video display device, comprising the steps of:

9 converting a web page transmitted to the transmitting unit from the Internet into video  
10 data;

11 compressing the video data in accordance with the predetermined compression scheme;

12 transmitting the compressed video data; and

13 receiving and decoding the transmitted video data using the receiving unit to transmit the  
14 data to the video display device.

15 (2) The method according to claim 1, wherein:

16 said step of converting a web page comprises providing a link to the video data on the  
17 basis of a link provided to the web page, and

1 said step of transmitting the compressed video data comprises transmitting the compressed  
2 video data and information about the link.

3 (3) The method according to claim 2, wherein said step of providing a link to the video  
4 data comprises:

5 extracting a web address linked to the link provided to the web page; and

6 placing the link in the video data on the basis of the position of the link provided to the  
7 web page.

8 (4) The method according to claim 2 , wherein said step of receiving and encoding the  
9 transmitted video data comprises:

10 decoding the received data;

11 transmitting the decoded data to the video display device; and

12 establishing an association between the information about the link provided to the received  
13 video data and a position of a cursor in the video data transmitted to the video display  
14 device.

15 (5) The method according to claim 1 , wherein said video data includes audio data when  
16 said web page includes voice or sound.

17 (6) The method according to claim 4 , further comprising the steps of:

1 sending link information to the transmitting unit when any one link provided to the data  
2 transmitted to the video display device is selected; and

3 transmitting a web page linked to the selected link from the Internet to the transmitting  
4 unit.

5 (7) The method according to claim 1 , wherein said predetermined compression scheme is  
6 an MPEG2 standard.

7 (8) A broadcast system including:

8 a transmitting unit for compressing video data in accordance with a predetermined  
9 compression scheme and transmitting the compressed data; and

10 a receiving unit for receiving and decoding the transmitted video data and transmitting the  
11 data to a video display device,

12 wherein said transmitting unit comprises:

13 means for converting a web page from the Internet into video data and providing a  
14 link to the video data on the basis of a link provided to the web page;

15 means for compressing the video data in accordance with said predetermined  
16 compression scheme; and

17 means for transmitting the compressed video data and information about the link,  
18 and

1 said receiving unit comprises:

2 means for sending the received data to the video display device; and

3 means for establishing an association between the link provided to the video data  
4 and a position of a cursor in the video data transmitted to the video display device.

5 (9) The broadcast system according to claim 8, wherein said link provided to the video  
6 data includes:

7 a web address linked to the link provided to the web page; and

8 information about a position of the link provided to the video data in correspondence with  
9 a position of the link provided to the web page.

10 (10) The broadcast system according to claim 8 , wherein said receiving unit includes:

11 means for selecting a link provided to the video data transmitted to the video display  
12 device; and

13 means for transmitting information about the selected link to the transmitting unit.

14 (11) The broadcast system according to claim 8 , wherein said video data includes audio  
15 data when said web page includes voice or sound.

16 (12) The broadcast system according to claim 8, wherein said compression scheme is an  
17 MPEG2 standard.

1       (13) An article of manufacture comprising a computer usable medium having computer  
2       readable program code means embodied therein for causing browsing of the Web, the  
3       computer readable program code means in said article of manufacture comprising  
4       computer readable program code means for causing a computer to effect the steps of claim  
5       1.

6       (14) A program storage device readable by machine, tangibly embodying a program of  
7       instructions executable by the machine to perform method steps for browsing the Web,  
8       said method steps comprising the steps of claim 1.

9       (15) A computer program product comprising a computer usable medium having computer  
10      readable program code means embodied therein for causing browsing the Web, the  
11      computer readable program code means in said computer program product comprising  
12      computer readable program code means for causing a computer to effect the functions of  
13      the system of claim 8.

14      (16) A method for browsing the WEB, the method comprising:  
15           converting a WEB transmission from the Internet into video data;  
16           compressing the video data in accordance with a predetermined compression scheme;  
17           transmitting the compressed video data; and  
18           receiving and decoding the transmitted video data so as transmit the data to a video  
19           display device  
20      (17) The method according to claim 16, wherein:

1       said step of converting a web page comprises providing a link to the video data on the  
2       basis of a link provided to the web page, and

3       said step of transmitting the compressed video data comprises transmitting the compressed  
4       video data and information about the link.

5       (18) The method according to claim 17, wherein said step of providing a link to the video  
6       data comprises:

7           extracting a web address linked to the link provided to the web page; and

8           placing the link in the video data on the basis of the position of the link provided to the  
9       web page.

10      (19) An article of manufacture comprising a computer usable medium having computer  
11       readable program code means embodied therein for causing browsing of the Web, the  
12       computer readable program code means in said article of manufacture comprising  
13       computer readable program code means for causing a computer to effect the steps of claim  
14       16.

15      (20) A program storage device readable by machine, tangibly embodying a program of  
16       instructions executable by the machine to perform method steps for browsing the Web,  
17       said method steps comprising the steps of claim 16.